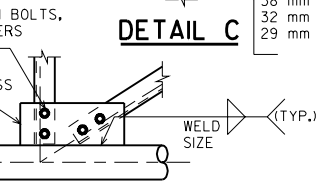
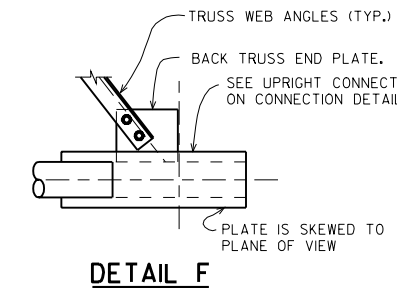


**DETAIL B**



**DETAIL C**

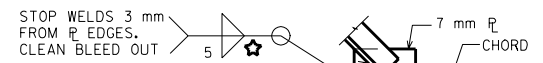
**DETAIL D**



**DETAIL F**

**PLUG DETAIL**

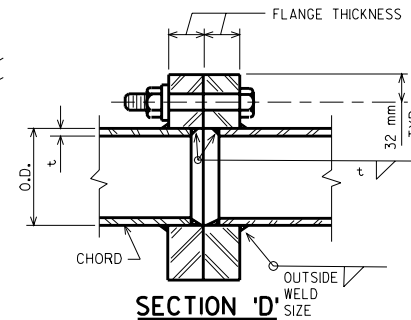
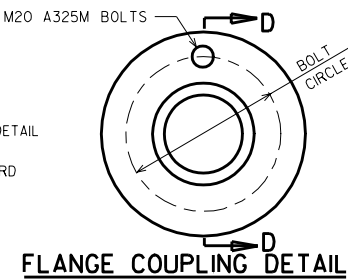
(EACH END OF BACK TRUSS CHORD)



**TYPICAL WELDED ALTERNATE**

(GUSSET PLATE DESIGN IS BASED ON BOLTED CONNECTION. PLATE SIZES SHALL BE INCREASED IF REQUIRED TO PROVIDE MINIMUM WELD LENGTH FOR ALT. WELDED CONNECTION.)

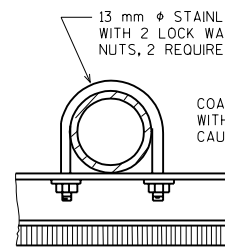
BOLT SIZE	MINIMUM LENGTH OF 5 mm WELD
M16	165
M20	240
M22	320
M24	420



**COUPLING DESIGN**

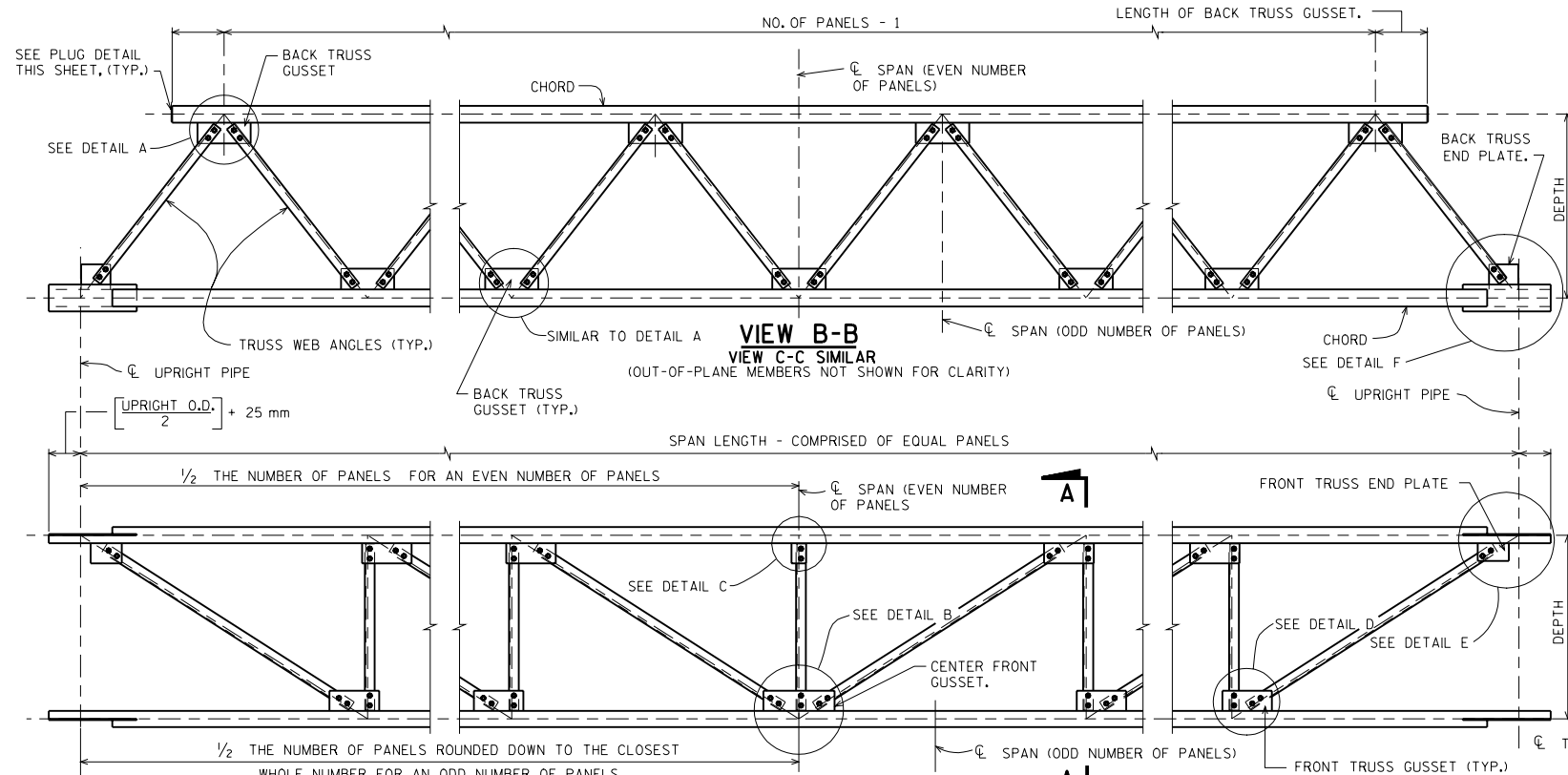
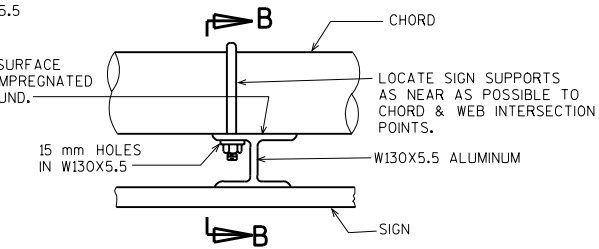
*CHORD SIZE (O.D. X t)	NUMBER OF BOLTS REQ'D.	BOLT CIRCLE DIAMETER	FLANGE THICKNESS	OUTSIDE WELD SIZE

\*PIPE OUTSIDE DIAM. IN mm X PIPE WALL THICKNESS IN mm



**SECTION B**

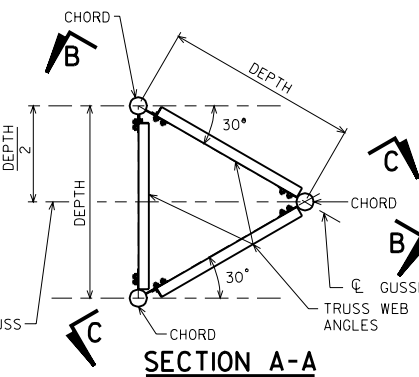
**TYPICAL SIGN CONNECTION**



**FRONT OF TRUSS ELEVATION**

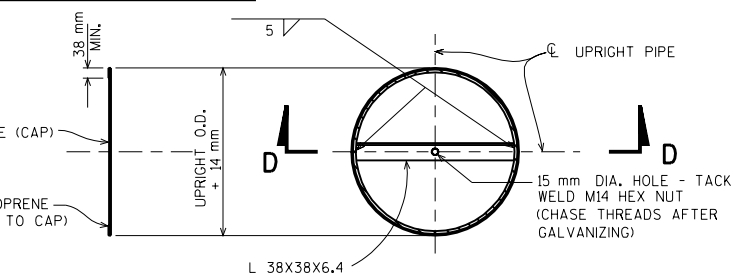
(BACK TRUSS CHORD AND ATTACHED ANGLES NOT SHOWN FOR CLARITY)

NOTE: SEE "TABLES OF DESIGN VARIABLES" FOR REFERENCED DIMENSIONS, SIZES AND QUANTITIES.

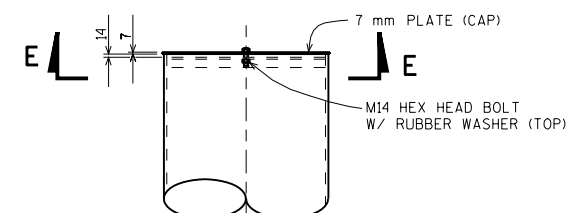


**SECTION A-A**

**SECTION D-D**



**SECTION E-E**



**UPRIGHT CAP DETAIL**

**3-CHORD STEEL SIGN BRIDGE TRUSS ELEVATION**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DEVELOPMENT SECTION

APPROVED: \_\_\_\_\_

DATE:  
4/99